



3rd SEG/DGS Middle East Geoscience Young Professionals and Student Event



Sheraton Bahrain Hotel | Manama, Bahrain | 26–28 April 2015

All Technical Sessions, Coffee Breaks and Lunches are at the Sheraton Bahrain Hotel

Sunday, 26 April

Al Iwan Ballroom, Sheraton Bahrain Hotel

15:00–16:00Registration

16:00–18:00Learn and Connect – Meet and Greet Session and Interactive Learning Game

18:00–21:00Icebreaker Dinner

Monday, 27 April

Al Taj B Ballroom, Sheraton Bahrain Hotel

08:00–08:30Registration and Refreshments

08:30–09:00Keynote: Othman Al Mousa, Saudi Aramco

► **Session 1 – University Presentation**

Session Chairs: Khalid Al Bloushi, United Arab Emirates University and Hussein Mohammed Harbi, King Abdulaziz University

09:00–09:20 **Mapping the Response of Four Buried Objects in a Sand Dune Using GPR: Field and Modeling Experiments** *Mohammed Al-Ibrahim, King Fahd University of Petroleum and Minerals*

09:20–09:40 **High Resolution Sparse Radon Transform for Multiple Attenuation in Seismic Processing**
Rongzhi Lin, Petroleum Institute Abu Dhabi

09:40–10:00 **Diagenesis and Reservoir Quality of Upper Khuff (Sequences KS1-KS2) and Lower Khuff (Sequence KS6) Outcrop-Equivalent: Saiq and Mahil Formations, Al-Jabal Al-Akhdar, Sultanate of Oman** *Asma Saleh Saud Al-Kindi, Sultan Qaboos University*

10:00–10:20 **Structural and Prospectivity Evaluation of “ABN” Field, Offshore, Niger Delta** *Oluseun Adetola Sanuade, King Fahd University of Petroleum and Minerals*

10:20–10:45Coffee Break

► **Session 2 – Poster Session – Group 1**

Session Chairs: Hesham El-Kaliouby, Sultan Qaboos University and SanLinn Isma'il Kaka, King Fahd University of Petroleum and Minerals

10:45–10:55 **Reservoir 3D Geomodeling of Teapot Dome Oil Field Reservoir, Wyoming, US** *Haris Ahmed Khan, King Abdulaziz University*

10:55–11:05 **Detection of Sinkholes Using Seismic and Gravity Joint Inversion Method in Birba, South of Oman** *Makiya Abdulwahab AlKamali, Sultan Qaboos University*

11:05–11:15 **Petrology and Structural Analysis of the Jable Tays Ophiolite Complex, Eastern Arabian Shield, Saudi Arabia** *Majed B. R. AlMutari, King Saud University*

11:15–11:25 **3D Static Model for Tight Gas Reservoir** *Buthaina Sultan Mohammed Al-Mahrooqi, Sultan Qaboos University*

11:25–11:50Coffee Break

11:50–12:00 **Structural Analysis of Khangarh Block by Seismic and Well Log Data** *Farhan Khan, King Saud University*

12:00–12:10 **Application of Time-Domain Electromagnetic (TDEM) Method to Investigate Groundwater in Izz Area, Al Dakhiliyah, Oman** *Khalil Hamed Hilal Alyahmadi, Sultan Qaboos University*

12:10–12:20 **Porosity Equations for Unconventional Shale Gas and Oil Plays** *Lateef Lawal, King Fahd University of Petroleum and Minerals*

12:20–12:30 **Geomechanical Exploration of Minerals Deposits in the Carbonatite Rocks in Masafi-Ismah Metamorphic Window, United Arab Emirates** *Amna Mohammed Al Raeisi, United Arab Emirates University*



3rd SEG/DGS Middle East Geoscience Young Professionals and Student Event



Sheraton Bahrain Hotel | Manama, Bahrain | 26–28 April 2015

► Session 2 — Poster Session — Group 2

Session Chairs: Saad Al Humidan, King Saud University and Aldo Vesnaver, Petroleum Institute Abu Dhabi

- 10:45–10:55 **Assessment of Petrophysical Properties of Clastic Rocks Using Well Log Data: The Cretaceous Qishn Formation in the Sharyoof Oilfield, Onshore Masila Basin, Yemen** *Basem Abduljalil Ahmed Al-Qada, King Saud University*
- 10:55–11:05 **Reservoir Characterization of Middle Gharif Reservoir in North Oman** *Thuraiya Saif Ahmed Al-Mawali, Sultan Qaboos University*
- 11:05–11:15 **Petrophysical and Dynamic Geomechanical Characterization of Lower Silurian Qusaiba Shale, Saudi Arabia** *Waleed Ejaz, King Fahd University of Petroleum and Minerals*
- 11:15–11:25 **Delineating Subsurface Cavities Using Random Sampling Gravity Method in Wadi-Shab Area** *Mohammed Salim Mohammed Alabri, Sultan Qaboos University*
- 11:25–11:50 Coffee Break
- 11:50–12:00 **Acoustic Seismic Modeling of Near-Surface Heterogeneous Layers** *Wesam Sameer A. Tayeb, King Abdulaziz University*
- 12:00–12:10 **Seismic Multiple Removal Techniques** *Marwa Hamood Sulaiman Al Harassi, Sultan Qaboos University*
- 12:10–12:20 **Distribution of Acacia Trees (Parasitized by Plicosepalus Acaciae) In Relation To Their Soil Characteristics: A Case Study of Al Ula Desertified Region, Saudi Arabia** *Waleed Al Harbi, Taibah University*
- 12:20–12:30 **Land Seismic Static Correction** *Iman Ibrahim Al-Qassabi, Sultan Qaboos University*
- 12:30–14:00 Lunch and Prayer

► Session 3 — 9th Annual SEG/DGS Middle East Challenge Bowl

Emcee: Abdulaziz AlMansoor, Dhahran Geoscience Society

14:00pm–17:45

- Alexandria University, Egypt
- King Abdulaziz University, Saudi Arabia
- King Abdullah University of Science and Technology, Saudi Arabia
- King Fahd University of Petroleum and Minerals, Saudi Arabia
- King Saud University, Saudi Arabia
- Sultan Qaboos University, Oman
- United Arab Emirates University, UAE
- Petroleum Institute Abu Dhabi (Female), UAE
- Petroleum Institute Abu Dhabi (Male), UAE
- Taibah University, Saudi Arabia

17:45–18:00 Wrap Up

18:30–21:30 Gala Dinner & Awards Ceremony, Awali Ballroom

Tuesday, 28 April

Half-Day Field Visit in association with BAPCO